
Appendix C
April 7, 2005 Public Meeting Presentation
Slides / City Council Meeting Amended Agenda



Contents of the Plan (continued)

Service area information with 20-year projections

- City limits
- Urban growth boundary
- Three build-out scenarios



Contents of the Plan (continued)

Water sources

- Existing
- Planned
 - Groundwater potential
 - Surface water potential



Contents of the Plan (continued)

Reliability of supply

- Average
- Single Dry
- Multi Dry



Contents of the Plan (continued)

Water demands with 20-year projections

- Water model
- GIS-based



Presentation Urban Water Management Plan

April 7, 2005
7:00 p.m.



Background

Urban Water Management Planning Act

- ☐ California Water Code
- ☐ Affects water service providers >3,000 connections
- ☐ Plan must have opportunities for public input
- ☐ Plan must be prepared and updated every 5 years
- ☐ American Canyon plan due 2005

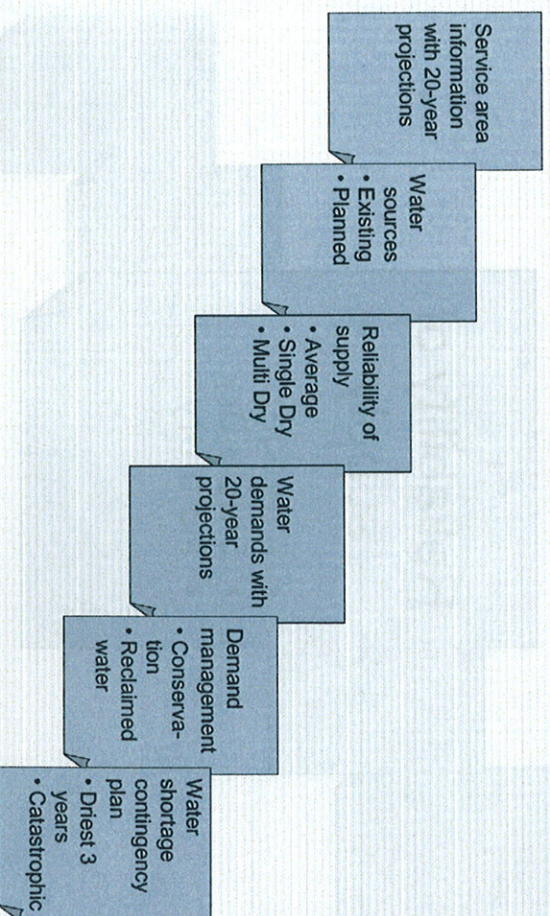


Presentation Outline

- ☐ Introduction
- ☐ Background – UWMP Act
- ☐ Contents of Plan
- ☐ How this Plan will Help the City

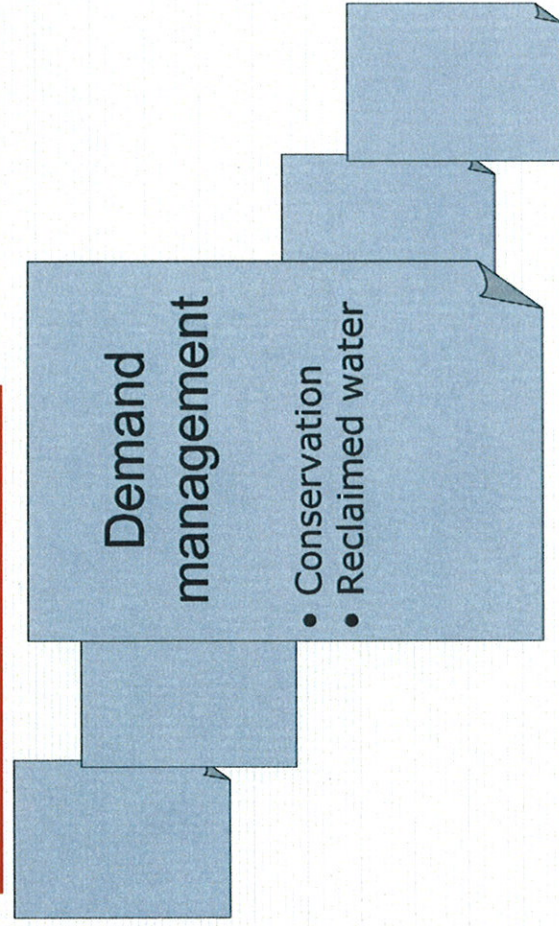


Contents of the Plan

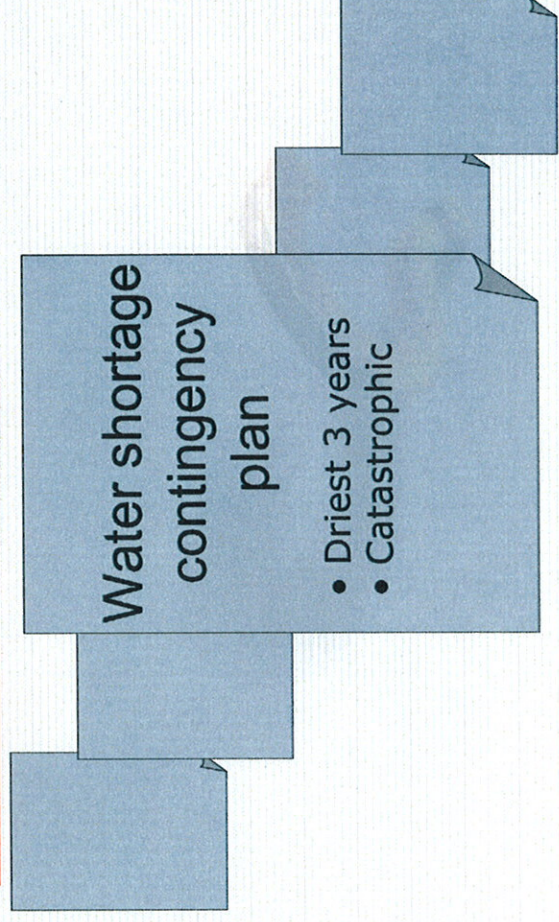




Contents of the Plan (continued)



Contents of the Plan (continued)



How this Plan will Help the City

1. Compliance with State Water Code
2. Provides data and analysis for water resources element of the General Plan Update
 - Develop policy pertaining to properties outside of City limits



How this Plan will Help the City

3. Develops and analyzes groundwater resource potential
4. Investigates surface water resource potential
5. Ownership of a robust model that can be easily used by others
6. Sets up the City for development of CIP and resulting rates and fees



Questions



WINZLER & KELLY

CITY OF AMERICAN CANYON

Administration

Gateway to the Napa Valley

CITY COUNCIL MEETING
AMENDED A G E N D A

Thursday, April 7, 2005

7:30 p.m. Meeting

Recreation Center

2185 Elliott Drive

American Canyon, CA 94503

Robert Weil

April 7, 2005

Council Packet

NOTICE TO THE PUBLIC

Public Comment

There are two Public Comment sections as noted on the agenda. This is the time members of the public may comment on any item not appearing on the agenda. Under State law, matters presented under this section cannot be discussed or acted upon by the City Council during this time. For items appearing on the agenda, the public will be invited to make comments at the appropriate time. It is very important to speak directly into the microphone. During the first Public Comment section, there will be a maximum of 30 minutes allowed for comments. Each speaker will be limited to no more than 3 minutes, although that time may be reduced depending upon the size of the audience and the amount of business before the Council. Speakers are limited to one turn to speak during the first Public Comment section.

Closed Session

Pursuant to Government Code Section 54957.7(c), members of the public may be present in the City offices at the time the City Council discloses that it will discuss the items identified below under the Closed Session Agenda.

Public Hearings

Persons who wish to speak on Public Hearings listed on the agenda will be heard when the Public Hearing is opened, except on Public Hearing items previously heard and closed to public comment. After the public has commented, the item is closed to public comment and brought to the Council for discussion and action. Further comment from the audience will not be received unless requested or allowed by the Council.

There is a 90-day limit for the filing of a challenge in the Superior Court to certain City administrative decisions and orders which require a hearing by the law, the receipt of evidence, and the exercise of discretion. The 90-day limit begins on the date the decision is final (Code of Civil Procedure Section 1094.6). Further, if you challenge an action taken by the City Council in court, you may be limited by California law, including but not limited to Government Code Section 65009, to raising only those issues you or someone else raised in the public hearing, or in written correspondence delivered to the City Council prior to or at the public hearing.

ADA Compliance

In compliance with the American Disabilities Act (ADA), disabled individuals requiring special accommodations to access, attend, or participate in City Council meetings, should contact the City Clerk's office, (707) 647-4352. To ensure that your request is granted, please notify this office at least one business day prior to the scheduled public meeting.

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CITY COUNCIL/FIRE DISTRICT CONVENES IN OPEN SESSION AT CITY
OFFICES (6:30p.m.)

COUNCIL/FIRE DISTRICT ADJOURNS/RECONVENES IN CLOSED SESSION

1. CONFERENCE WITH LEGAL COUNSEL - POTENTIAL LITIGATION (3 cases) *(Pursuant to Government Code Section 54956.9(b))*
2. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION (5 cases)
 - a) Richard Popkins *et al* versus the City of American Canyon, 1st District Court of Appeal No. A0108108. *(Pursuant to Government Code Section 54956.9(a))*
 - b) CDM Constructors, Inc. versus the City of American Canyon, *et al*, Napa County Superior Court Case #26-23428 *(Pursuant to Government Code Section 54956.9(a))*
 - c) Feiner versus the City of American Canyon *et al* United States District Court Northern District Case #C 044472. *(Pursuant to Government Code Section 54956.9(a))*
 - d) American Canyon Community United For Responsible Growth versus the City of American Canyon, *by and through* the City Council and Real Parties in Interest Lake Street Ventures, LLC, Wal-Mart Stores, INC., Napa County Superior Court Case #26-27462; and Citizens Against Poor Planning *et al* versus the City of American Canyon, Napa County Superior Court Case #26-27534. *(Pursuant to Government Code Section 54956.9(a))*
 - e) Allstate v. City of American Canyon, *et al*. Consolidated with Elayda v. County of Napa, *et al*. Case # 26-26158. *(Pursuant to Government Code Section 54956.9(a))*
 - f) M&M Services, Inc. v. City of American Canyon, *et. al*, Napa County Superior Court Case No. 26-28563. *(Pursuant to Government Code Section 54956.9(a))*
3. REAL PROPERTY NEGOTIATIONS
 - a. Property Negotiator: Keith Caldwell, Fire Chief
Property Address: APN 059-040-015 and 016
Under Negotiation: Purchase of Land

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- b. Property Negotiator: Mark Joseph
Property Address: Parcel C of Map 5512 (MAD/City/D'Ambrosio)
Under Negotiation: Sale/Exchange of Land
- c. Property Negotiator: Mark Joseph
Property Address: APN 059-040-003 (Lawson)
Under Negotiation: Purchase of Right-of-Way

4. PUBLIC EMPLOYMENT

Title: City Manager

(Pursuant to Government Code Section 54957)

CITY COUNCIL WILL ADJOURN AND RECONVENE IN OPEN SESSION AS THE
CITY COUNCIL IN THE RECREATION CENTER (7:30 p.m.)

Call to Order

1. Report on Closed Session and confirmation in Open Session of any reportable action taken.
2. Flag Salute
3. Roll Call

Public Comments (See Notice to the Public at the beginning of the agenda.)

Mayor/Council Comments (The Mayor and individual Councilmembers will briefly comment on matters of public concern and announce matters of public interest. No collective Council action will be taken.)

Confirmation of Agenda

General Announcements

(Meetings are held at the Recreation Center, 2185 Elliott Drive, unless otherwise noted)

1. The City's Annual Volunteer Recognition Ball will be held Saturday, April 9, 2005 at the Community Gym, starting at 6:00 p.m.
2. Parks and Community Services Commission meeting is scheduled for Thursday, April 14, 2005 at 7:30 p.m.
3. City Council meeting is scheduled for Thursday, April 21, 2005 at 7:30 p.m.
4. Phillip West Plaque Dedication Ceremony is scheduled for Saturday, April 23, 2005 at 11:30 a.m. at the Phillip West Aquatic Center.

City Consent Calendar

1. Approve the City Council Minutes for the February 17, 2005 meeting.
2. Approve the City Council Minutes for the March 3, 2005 meeting.
3. Approve the Special City Council Minutes for the March 29, 2005 meeting.

**City Council and City Council as the District Board of Directors
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4. Approve reading by title only, and adopt a Resolution of Intention to levy and collect annual assessments; preliminarily approve the annual Engineer's Report; and set the time and date of the informal public information meeting and Public Hearing for fiscal year 2005-06 for the American Canyon Landscaping and Lighting Assessment District.
5. Authorize City Manager to sign agreement with Pyro Spectaculars, Inc. for 4th of July fireworks display.
6. Approve adoption of the summer aquatic program schedule for the Phillip West Aquatic Center.
7. Request by American Canyon Patriots Pop Warner Football and Cheer to use the Community Center Gym on Saturday, June 11, 2005 to hold a dinner fundraiser and for the rental fee to be waived.
8. Approve reading by title only and adopt a Budget Resolution transferring funds to increase by \$10,000 the contract with Korve Engineering for City Traffic Engineer services.
9. Approve revisions to the Council Committee assignments.
10. Authorize the City Manager to sign the renewal lease between the City of American Canyon and the Regents of the University of California under the auspices of the Napa County UC Cooperative Extension and American Canyon 4-H.
11. Approve the final revisions of the agreement for the purchase of right-of-way for the Broadway Realignment Project.
12. Increase the contract authorization for preliminary design of the Eucalyptus Drive realignment from \$35,500 to \$51,500.
13. Approve reading by title only, and adopt a Budget Resolution authorizing approval of a contract with Strange and Chalmers, Inc., in the amount of \$15,875 for the closure of the driveway approach to the Safeway gas station.
14. Consideration and possible action regarding a potential Sales Tax for Transportation. **(No written Report)**
15. Consider request for filing Amicus Brief in Howard Jarvis Tax Payers Association v. City of Fresno 5th District Court of Appeal.

Special Presentation

1. Adopt a Proclamation declaring the week of April 10 - 16 as Crime Victim's Right's week. **(Kay Woodson)**

ADJOURN/RECONVENE AS THE AMERICAN CANYON FIRE PROTECTION DISTRICT (a subsidiary District of the City of American Canyon)

Call to Order

1. Roll Call

District Consent

1. Approve the Fire District's Minutes for the February 17, 2005 meeting.
2. Approve the Fire District's Minutes for the March 3, 2005 meeting.

City Council and City Council as the District Board of Directors
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District Fire Chief's Report (Keith Caldwell)

1. Update on District Activities (Verbal)

ADJOURN/RECONVENE AS THE CITY COUNCIL

City Business Session

1. Authorize approval of an agreement with Winzler & Kelly for preparation of an Urban Water Management Plan. (Bob Weil)
2. Give Direction to staff regarding a Citizen Participation Program –General Plan Update Program. (Continued from the March 17, 2005 meeting)
(Ed Haworth)
3. Authorize staff to pursue the City's obligation under the City-County Housing Agreement of 2003 to undertake a cooperative effort with the County of Napa for a joint study to determine the appropriateness of the Compatibility Zones D and E for the Napa County Airport within American Canyon city limits.
(Ed Haworth)
4. Approve reading by title only, and adopt a Resolution revising the Council's Rules of Procedure regarding Council meetings and related matters and functions. (Mark Joseph)
5. Consider and give direction to staff regarding Council notification of significant events. (Mark Joseph)
6. Clarify Council Direction regarding Economic Development. (Continued from the March 17, 2005 meeting) (Mark Joseph)
7. Moved from Consent 12 & Moved from Consent 13.

City Manager's Report (Mark Joseph)

1. Update on City activities.
2. Receive report on the results of the 2005 Water Bill Survey.
3. Consider a Schedule for future Study Sessions.
4. Legislative Action Days (Verbal)
5. Future Agenda Items:

- April 21, 2005 • Reconsideration of the City's Monthly Newsletter
• Consideration of joining the Countywide Affordable Housing Trust

Public Comments (see Notice to the Public at the beginning of the agenda)

Mayor/Council Comments (The Mayor and individual Councilmembers will briefly comment on matters of public concern and announce matters of public interest. No collective Council action will be taken)

1. Give direction to Staff regarding future agenda items.

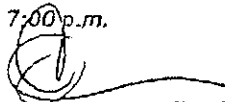
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ADJOURNMENT

Certification

I, Cherri Walton, Deputy City Clerk for the City of American Canyon, do hereby declare that the foregoing agenda for the April 7, 2005 meeting of the City Council/City Council as Board of Directors of the Fire District, was posted on the bulletin board outside the City Offices, at the American Canyon Fire Protection District Office, and at the American Canyon Community Center, on Friday, April 1, 2005 by 7:00 p.m.



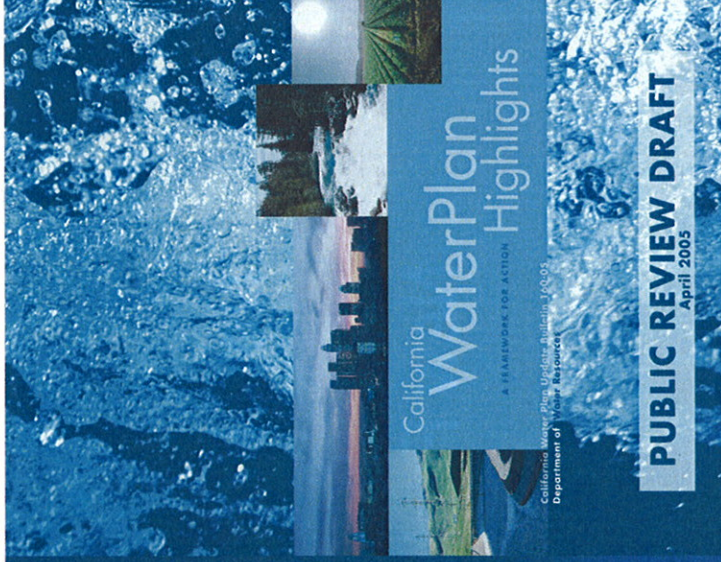
Cherri Walton
Deputy City Clerk

April 1, 2005
Date

Appendix D
July 7, 2005 Public Meeting / Public Notice
and Presentation Slides

California Water Plan Update 2005

Robert Weil
July 7, 2005



Topics

- Background
- New Process & New Features
- Strategic Plan (A Framework for Action)
- Preparing for the Future (Scenarios)
- Key Points for American Canyon

The California Water Plan

- First published in 1957 as Bulletin 3
- Updated 7 times (Bulletin 160); last one in 1998
- Previous Updates identified a supply-demand gap and ways to “fill the gap”
- Growing interest by Legislature and stakeholders in update process and more comprehensive content

Background

Key Purposes of Water Plan

- **Framework for California Water Policy**
- **Resource for Water Community**
 - Current supplies and water uses
 - Future scenarios and potential water demands
 - Information on management strategies for developing local plans and implementing solutions
- **Important Footnotes**
 - No mandates; No spending authorizations
 - Not project or site specific; No CEQA

New Process

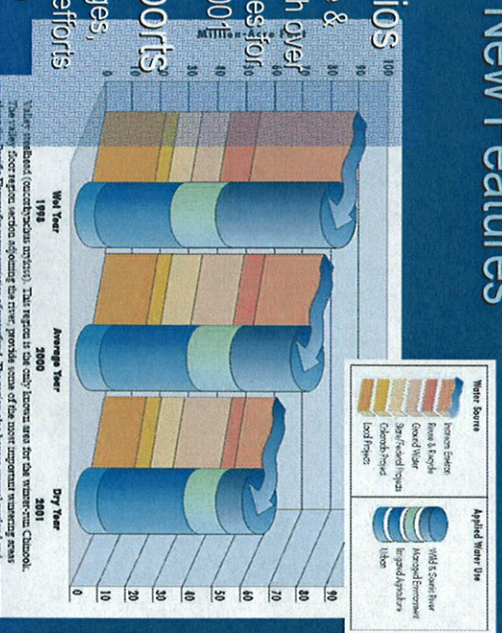
- **Have open & transparent public process**
 - Website, meetings, share interim products
- **Seek collaborative recommendations**
 - 65-person Advisory Committee & 350-person Extended Review Forum
- **Prepare a strategic plan**
 - Strategic planning guidelines

New Process &

New Features

New Features

- **Water Portfolios**
 - Hydrologic cycle & water quality with over 80 data categories from 1998, 2000 & 2001
- **Regional Reports**
 - Setting, challenges, goals, planning efforts & water portfolio



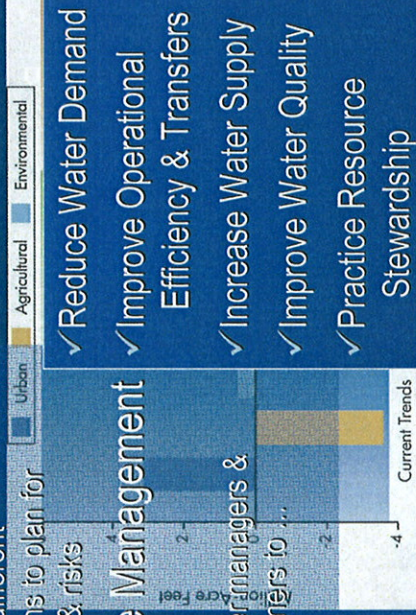
New Features

➤ Multiple Future Scenarios

- Plausible yet different base conditions to plan for uncertainties & risks

➤ 25 Resource Management Strategies

- Tools for water managers & resource planners to...

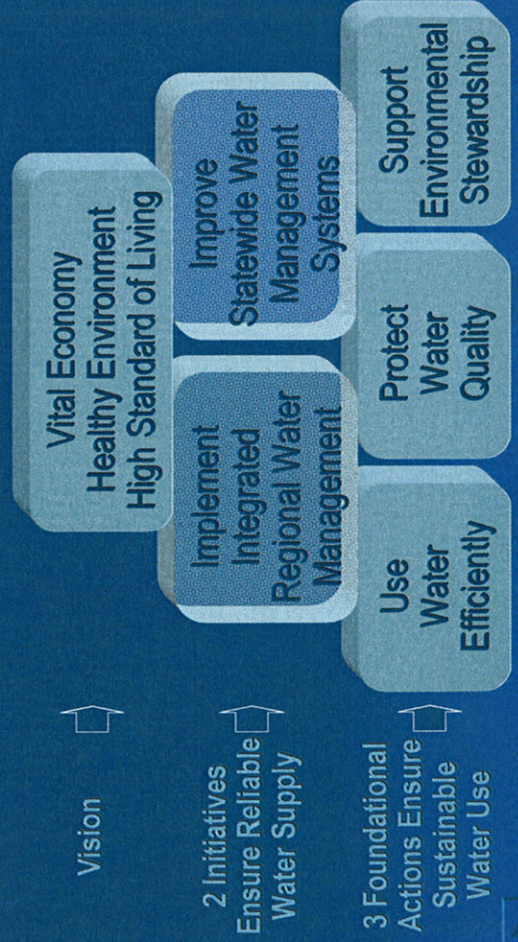


Strategic Plan

A Framework for Action

Framework for Action

Sustainable & Reliable Water in 2030



Foundational Action

Use Water Efficiently

- Increase urban and agricultural water use efficiency
- Increase recycling & reuse
- Reoperate facilities to improve efficiencies
- Facilitate transfers to avoid regional shortages
- Eliminate groundwater overdraft



Foundational Action

Protect Water Quality

- Protect supply sources from contamination
- Explore new treatment technologies
- Match water quality to use
- Improve runoff management
- Improve watershed management



Foundational Action

Support Environmental Stewardship

- Integrate ecosystem restoration with water & land use planning
- Restore aquatic ecosystems
- Minimize alteration of ecosystems
- Protect public trust resources
- Integrate flood management with supply management



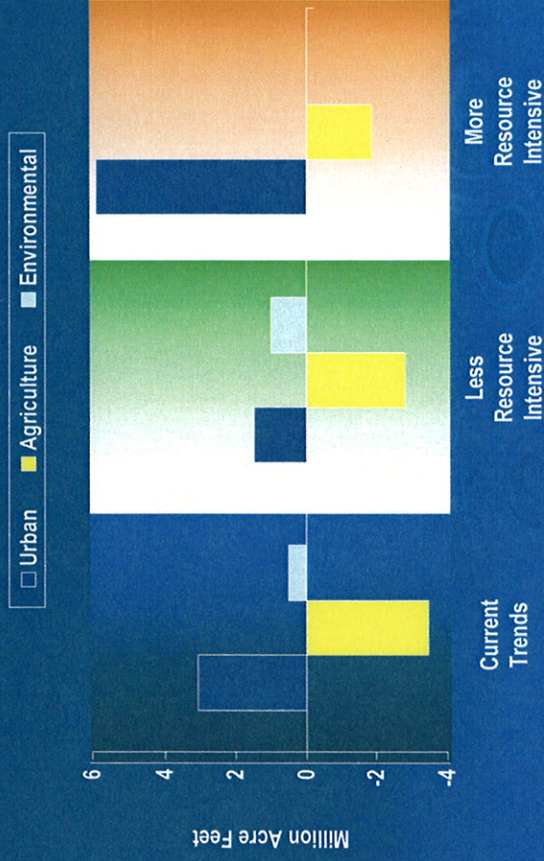
Preparing for the Future

3 Scenarios for 2030

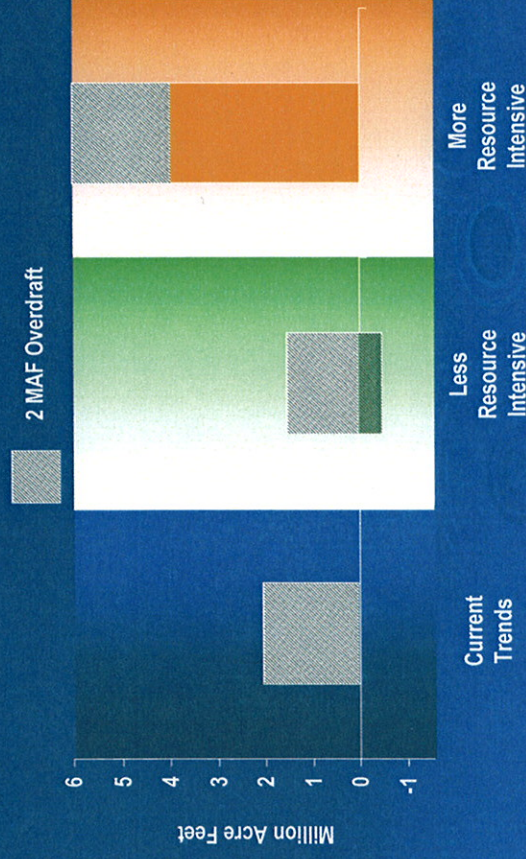
Plausible Yet Different Baseline Futures

- | | |
|----------------------------------|--|
| ➤ Current Trends | ✓ Recent trends continue into the future |
| ➤ Less Resource Intensive | ✓ Higher agric. & industrial production |
| | ✓ More water for the environment |
| | ✓ More background water conservation |
| ➤ More Resource Intensive | ✓ Higher population growth |
| | ✓ Higher agric. & industrial production |
| | ✓ Hold Environ. water at 2000 level |
| | ✓ Less background water conservation |

Statewide Scenario Demand Changes by Sector



Statewide Scenario Demand Changes Plus Groundwater Overdraft



Key Points for American Canyon

- **Emphasis on Recycling and Conservation**
 - Meets water supply
 - Ensures vital economy
 - Protects Environment
 - American Canyon's Investments in Wastewater/Recycled Water will pay dividends
- **Integration of Agriculture, Municipal and Environmental Water Uses**
 - Prevent Groundwater Overdraft
 - Key Issue in Napa 2050 Water Study
 - Water Transfers Encouraged



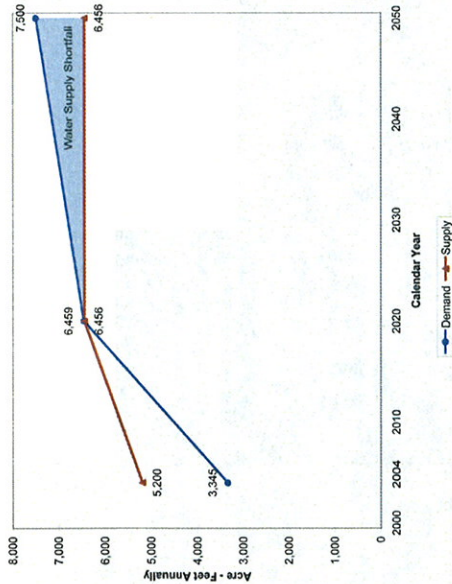
Special Presentation to City Council on Water Conservation

July 7, 2005

Presentation Topics

- American Canyon water supply shortfall
- Cost effectiveness of water conservation
- California Urban Water Conservation Council
- Water use breakdown by sector
- Residential and commercial water use and potential savings
- Conclusions
- Questions and Answers

Projected Water Demand and Supply

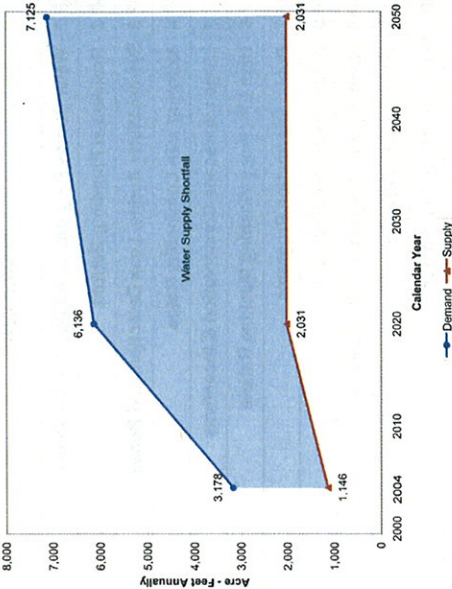


Calendar Year	Demand (Acre-Feet Annually)	Supply (Acre-Feet Annually)
2000	3,345	5,200
2020	6,459	5,200
2050	7,500	5,200

Water Supply Shortfall

Sources:
2050 Napa Valley Water Resources Study, West Yost and Associates

Projected Water Demand and Supply for Single Dry Year Scenario



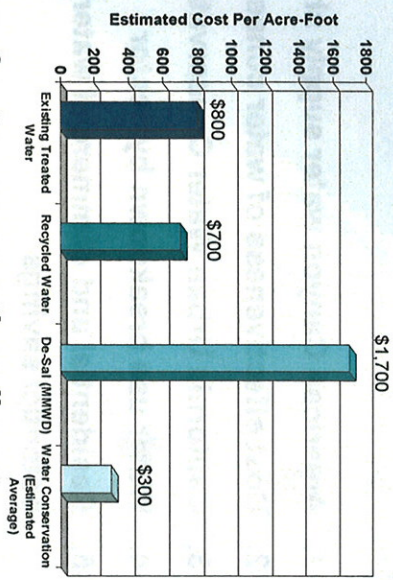
Calendar Year	Demand (Acre-Feet Annually)	Supply (Acre-Feet Annually)
2000	1,146	2,031
2020	6,136	2,031
2050	7,125	2,031

Water Supply Shortfall

Sources:
2050 Napa Valley Water Resources Study, West Yost and Associates

Note: Demand figures assume 5% mandatory emergency water conservation

Water Supply Cost Comparison



Added Benefit

➤ Implementation of water conservation allows opportunities for Proposition 50 and other state and federal grants

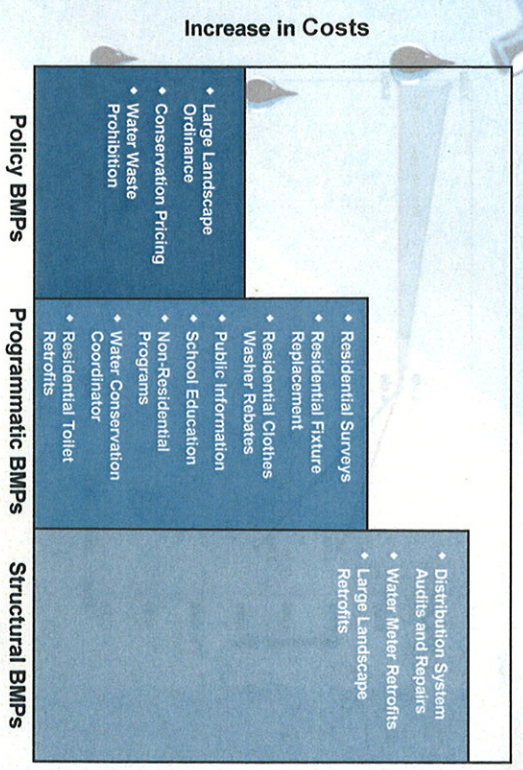
California Urban Water Conservation Council

- MOU signed 5/7/1998
- Signatories pledge "good faith effort" to implement BMPs that are cost-effective within 10 years
- CUWCC provides guidelines and standard BMPs and support in implementation

Water Conservation Best Management Practices

CUWCC BMPs	
BMP 1 - Water Survey Program for Residential Customers	
BMP 2 - Residential Plumbing Retrofit	
BMP 3- System Water Audits, Leak Detection, and Repair	
BMP 4 - Metering with Commodity Rates	
BMP 5 - Large Landscape Conservation & Incentives	
BMP 6 - High Efficiency Washing Machine Rebate	
BMP 7 - Public Information Programs	
BMP 8 - School Education Program	
BMP 9 - Conservation Program for CII Accounts	
BMP 11 - Conservation Pricing	
BMP 12 - Conservation Coordinator	
BMP 13 - Water Waste Prohibition	
BMP 14 - Residential Toilet Replacement Program	

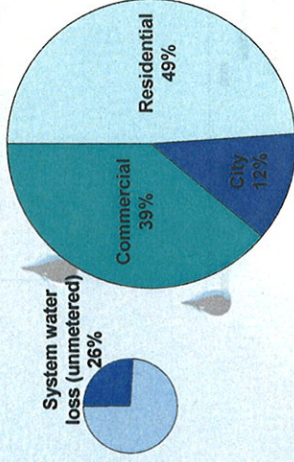
The BMPs Emphasize Continued Progress Towards Conservation



Water Demand by Sector and Water Loss

Total Water Consumption in 2002:
754 million gallons (2,315 Acre-Feet)

American Canyon Metered Water Consumption by Category



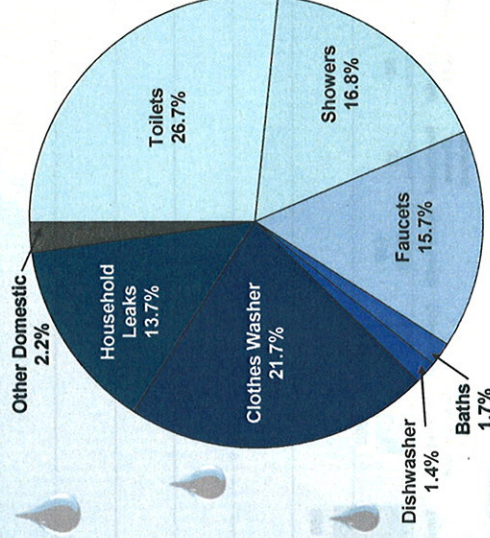
Notes:

1. Total Water Demand is Equal to 220 gallons per capita per day. (Source: City Records)
2. For the residential sector, water demand is approximately 89 gallons per capita per day.
3. State average is 196 gallons per capita per day.

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Indoor Residential Water Use

National Average Indoor Use in a Non - Conserving Home



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A Significant Potential for Water Savings in Homes

Three Residential Water Conservation Examples:

1. Ultra Low - Flow Toilet replacement 50% of Pre - 1992 homes ≈ 50 AFA
 2. High-Efficiency residential clothes washer replacements in 50% of all households ≈ 30 AFA
 3. Residential Water audits with fixture installation in 50% of households ≈ 130 AFA
- Total = 210 AFA**

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Potential Water Savings from Commercial Water Conservation

One Commercial Water Conservation Program

Example:

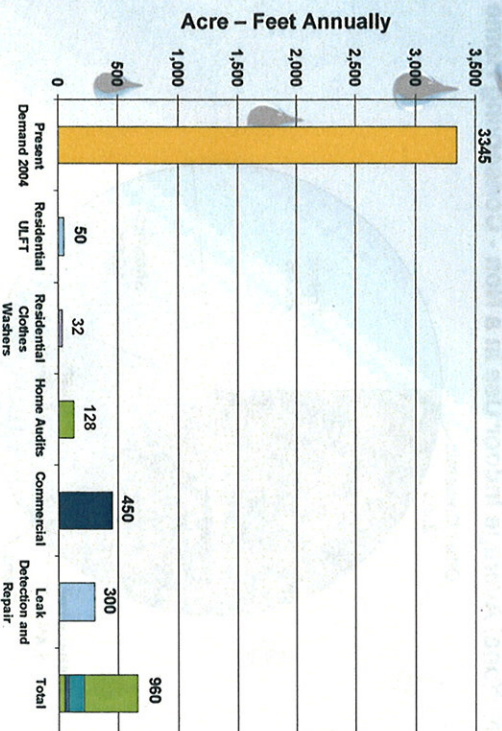
- Water use audit
- Toilet retrofit
- Upgrade to efficient appliances
- Increased landscape irrigation system efficiency

15% - 30% Water Savings

For American Canyon this could save approximately 400 – 625 AFA

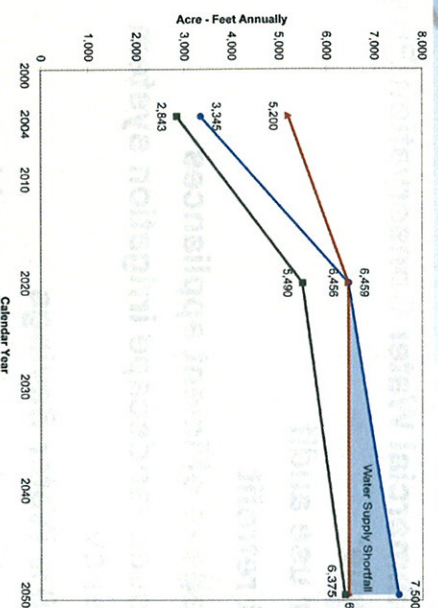
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Potential Water Savings from Selected Water Conservation Programs Compared to Current Demand



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Supply and Demand with Future Potential Savings in Water Conservation

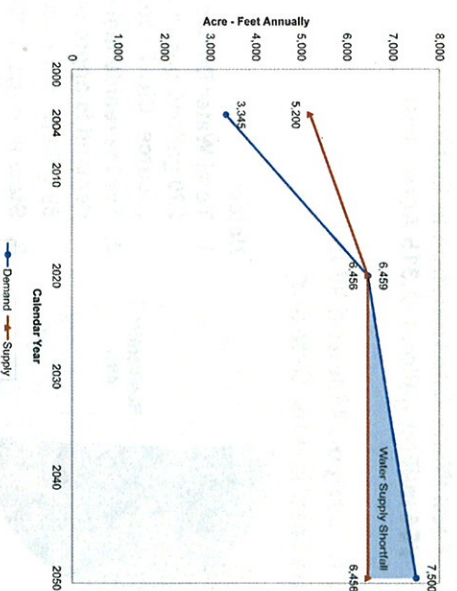


Sources:
2050 Napa Valley Water Resources Study, West Yost and Associates

NOTE: Estimated 15% savings with Water Conservation

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Supply and Demand Projections without Water Conservation



Sources:
2050 Napa Valley Water Resources Study, West Yost and Associates

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Conclusions

- With projected population growth, American Canyon faces a water supply shortfall in less than 20 years.
- In the event of a drought, American Canyon faces a water supply shortfall now.
- Water conservation would reduce water supply shortfall.
- Water conservation is cost-effective.
- Implementing water conservation BMPs enhances grant funding opportunities.

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Comments and Questions



**NOTICE OF PUBLIC MEETING
FOR INFORMATION PERTAINING TO
THE CITY OF AMERICAN CANYON
WATER CONSERVATION PROGRAM**

NOTICE IS HEREBY GIVEN that the Public Works Department of the City of American Canyon will conduct a special presentation on the City's Water Conservation Program on July 7, 2005, at 7:30 P.M. in the Council Chambers at the Recreation Center at 2185 Elliott Drive, American Canyon, to provide an opportunity for the City Council and the general public to provide input regarding the City's Water Conservation Program. The purpose of the presentation is to educate the public on the various water conservation measures available and to update the Council on the City's progress on the implementation of the program.

For any questions regarding the meeting, contact Robert Weil, Public Works Director, at (707) 647-4550.

